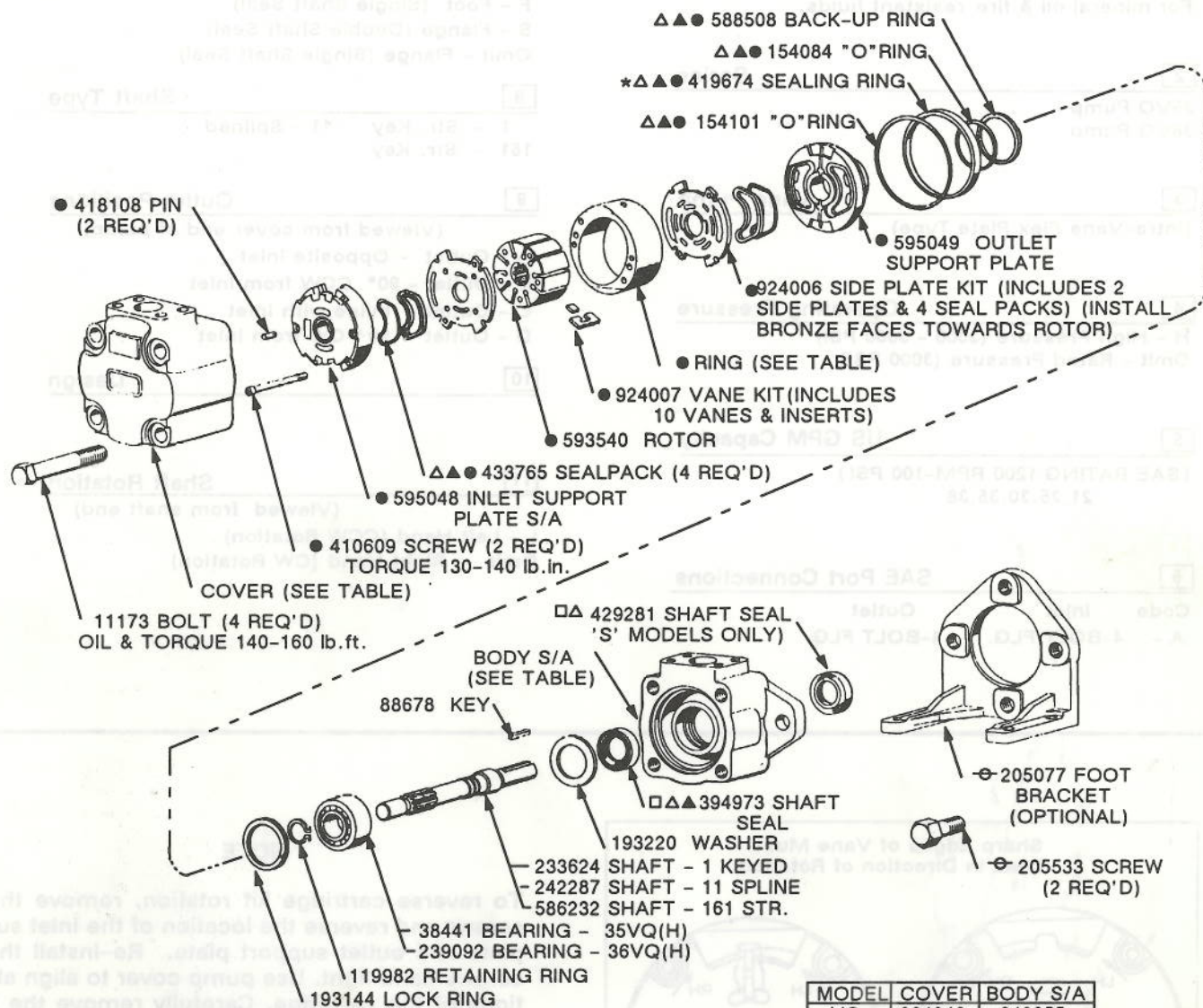


Service Parts Information



VANE TYPE
SINGLE PUMPS

35VQ(H)**A*-** *-30(L)
36VQ(H)**A*-** *-30(L)



- INCLUDED IN STD. CARTRIDGE KIT (SEE TABLE) EQUIVALENT F3 CARTRIDGE KIT (SEE TABLE)
- ▲ INCLUDED IN SINGLE SHAFT SEAL KIT 920015 F3 EQUIVALENT SINGLE SHAFT SEAL KIT 920029
- △ INCLUDED IN DOUBLE SHAFT SEAL KIT 920016 F3 EQUIVALENT DOUBLE SHAFT SEAL KIT 920030
- INCLUDED IN FOOT BRACKET KIT FB-C-10
- ASSEMBLE SEAL WITH SPRING LOADED SEALING MEMBER TOWARDS BEARING SEALS TO BE COMPLETELY WETTED WITH OIL PRIOR TO ASSEMBLY
- * INSTALL 419674 SEALING RING INTO BODY, THEN INSTALL CARTRIDGE KIT

| MODEL | COVER | BODY S/A |
|-------|--------|----------|
| VQ | 234248 | 942355 |
| VQH | 429134 | 924005 |

| MODEL (USGPM) | RING | CARTRIDGE KIT | |
|---------------|--------|---------------|--------|
| | | STD | F3 |
| 3*VQ(H)21 | 595378 | 595364 | 626210 |
| 3*VQ(H)25 | 576210 | 595365 | 626211 |
| 3*VQ(H)30 | 576212 | 595366 | 626212 |
| 3*VQ(H)35 | 576214 | 595367 | 626213 |
| 3*VQ(H)38 | 575476 | 595368 | 626214 |

INDIVIDUAL CARTRIDGE PARTS ARE NOT INTERCHANGEABLE WITH PREVIOUS DESIGNS. COMPLETE CARTRIDGE KITS ARE INTERCHANGEABLE.

MODEL CODE BREAKDOWN

(F3) 35 VQ (H) 21 A F * A 30 L
 1 2 3 4 5 6 7 8 9 10 11

1 Special Seals

For mineral oil & fire resistant fluids.

2 Series

35VQ Pump
 36VQ Pump

3 Vane Pump

(Intra-Vane Flex Plate Type)

4 Operating Pressure

H - High Pressure (3000 - 3500 PSI)
 Omit - Rated Pressure (3000 PSI)

5 US GPM Capacity

(SAE RATING 1200 RPM-100 PSI)
 21,25,30,35,38

6 SAE Port Connections

| Code | Inlet | Outlet |
|------|-------------|-------------|
| A - | 4-BOLT FLG. | 4-BOLT FLG. |

7 Mounting

F - Foot (Single Shaft Seal)
 S - Flange (Double Shaft Seal)
 Omit - Flange (Single Shaft Seal)

8 Shaft Type

1 - Str. Key 11 - Splined
 161 - Str. Key

9 Outlet Positions

(Viewed from cover end of pump)

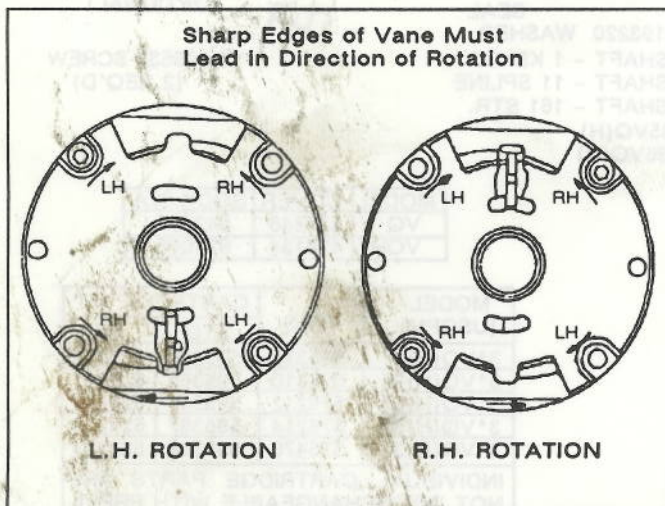
A - Outlet - Opposite Inlet
 B - Outlet - 90° CCW from Inlet
 C - Outlet - Inline with Inlet
 D - Outlet - 90° CW from Inlet

10 Design

11 Shaft Rotation

(Viewed from shaft end)

L - Left Hand (CCW Rotation)
 Omit - Right Hand (CW Rotation)



NOTE

To reverse cartridge kit rotation, remove the two screws and reverse the location of the inlet support plate and outlet support plate. Re-install the two screws hand tight. Use pump cover to align all sections of the cartridge. Carefully remove the cover and tighten the screws to recommended torque value.

When ordering spare cartridge parts, it is recommended they be obtained in cartridge kits. Kits are assembled and tested by Vickers for either right or left hand rotation. If left hand rotation is required, it should be specified on parts order by adding suffix " L " to cartridge kit number.

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 18/15 or cleaner. Selections from Vickers OFF, OFR and OFRS filter series are recommended.